

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	first with second with third with correlator with (on adj time) with (non adj on adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:52
L2	0	first same second same third same correlator same (on adj time) same (non adj on adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:51
L3	1040	first same second same third same correlator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:51
L4	415	first with second with third with correlator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:53
L5	0	(on adj time) with (non adj on adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:52
L6	142	on adj time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:52
L7	0	non adj on adj time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:52
L8	142	6 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:53

L9	0	4 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:53
L10	65	first with second with third with correlator with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:54
L11	0	interpolat\$3 with first with second with third with correlator with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:05
L12	3	interpolat\$3 with first with second with third with correlator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:00
L13	5	interpolat\$3 same first same second same third same correlator same time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:04
L14	1	"ontime" and "non-ontime"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:05
L15	0	(on adj time) and (non adj on adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:05
L16	3	interpolat\$3 with correlator with sample with shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:07

L17	7	interpolat\$3 with correlator with sample WITH CONTROL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:11
L18	13	interpolat\$3 same correlator same sample same early same late	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:19
L19	0	("2002/0037028").URPN.	USPAT	OR	ON	2005/03/14 10:14
L20	0	("2003/0118085").URPN.	USPAT	OR	ON	2005/03/14 10:14
L21	3632	delay adj locked adj loop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:22
L22	84	interpolat\$3 and correlator and early and late and (delay adj locked adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:28
L23	84	interpolat\$3 and correlator and early and late and (delay adj locked adj loop) and (post adj correlator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:28
L24	1	interpolat\$3 and correlator and early and late and (delay adj locked adj loop) and (post adj correlator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:56
L25	47	"300254"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 10:58
L26	1	"09/760094"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:12

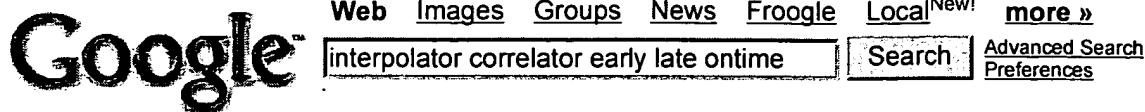
L27	17334	early with late with from adn (delay adj locked adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L28	0	early with late with from and (delay adj locked adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L29	0	early with late with from	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L30	31775	early with late	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:14
L31	3632	delay adj locked adj loop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L32	85	30 with 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L33	374	30 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:13
L34	0	early with late with(from)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:14

L35	0	early with late with (from)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:14
L36	1166	early with late with using	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:54
L37	116	36 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:14
L38	28	36 with 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:14
L39	18	interpolat\$3 same correlator same early same late	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:24
L40	1	interpolat\$3 same correlator same early same late same ontime	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:25
L41	2	interpolat\$3 and correlator and (early with late) and ontime	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:53
L42	1566	375/150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:02

L43	43	37 and 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:54
L44	44	correlator and (early with late) and interpolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:56
L45	13	31 and 44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:56
L46	213	correlator and (early with late) and interpolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:56
L47	83	31 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:57
L48	57	46 and 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 11:57
L49	30	47 and 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:02
L50	467	375/136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:04

L51	4	47 and 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:04
L52	996	375/142	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:06
L53	18	47 and 52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:06
L54	1374	375/147	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:08
L55	20	47 and 54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:08
L56	1713	375/343	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09
L57	11	47 and 56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09
L58	1621	375/373	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09

L59	1	47 and 58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09
L60	3842	375/376	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09
L61	1	47 and 60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 12:09
S1	1	"10/033513"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 14:29

**Web**Results 1 - 13 of about 19 for **interpolator correlator early late ontime**. (0.57 seconds)

[PDF] [AN2383/D: A Smart Antenna System for 3G Wireless Using the MSC8102 ...](#)

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... On-Time. DPCCH. Early/Late. DPDCH. Control. **Correlator** pool. Beam former ...

**Interpolator**. Filter. DPDCH. Correlation. PN Code. Generator ...

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... The output of the **interpolator** is then fed directly to an **early late correlator** to generate an error signal. This signal ...

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... The **early late correlator** generates a timing error ... The output of the **interpolator** is then fed directly to an **early late** ...

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... the classic **early late** gate tracking 'S-curve'. A ... channel **on-time** received samples is performed using a serial **correlator** started at the assumed ...

[ieeexplore.ieee.org/iel5/8535/27072/01202397.pdf?arnumber=1202397](http://ieeexplore.ieee.org/iel5/8535/27072/01202397.pdf?arnumber=1202397) - [Similar pages](#)

[PDF] [CDMA RECEIVER DESIGN ASPECTS](#)

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... **Early-late** spacing of 0.25 chips. 83080 Receiver Architectures and Signal

... **Interpolator**. (higher order => higher resolution). rx sign. **Correlator** ...

[www.cs.tut.fi/kurssit/83080/CDMA.pdf](http://www.cs.tut.fi/kurssit/83080/CDMA.pdf) - [Similar pages](#)

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... Nonlinearity. Nonlinearity. +. -. **Late. Early. On-Time ... Correlator**.

**Correlator**. Reference Access Probe Generator. Reference Access Probe Generator ...

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... only one pulse matched filter and an **interpolator** are needed, ... **early-late** based system where the transmission instant is delayed or advanced can also ...

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... **EARLY. ON-TIME. LATE. OUTPUT. REPEATS. CORRELATION TIME. FIGURE 12. CORRELATION PROCESS** ... The symbol clock is tracked by a sample **interpolator** that ...

[www.xs4all.nl/~ivonoorh/prj/wl200\\_fbsd/FN4816.pdf](http://www.xs4all.nl/~ivonoorh/prj/wl200_fbsd/FN4816.pdf) - [Similar pages](#)

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... Layout of the 9 channel TDC. Integral nonlinearity of the 512 **interpolator** channels. ... in heart rate variability analysis: Effects of editing **on time** ...

[www.infotech.oulu.fi/Annual/2001/annual2001.pdf](http://www.infotech.oulu.fi/Annual/2001/annual2001.pdf) - [Similar pages](#)

### EUSIPCO-96 CD-ROM Proceedings (abstracts)

... Using these pulses, combination of matched filter and **interpolator** for ...  
 It is based on a generalized cross-**correlator** and an improved peak detector. ...

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### [\[PDF\]](#) RTKNav/RtStatic

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... Some very **early** versions of RTKNav will not work with the Sentinel key. ...  
 The maximum time span prevents the **interpolator** from using data across a too ...  
[www.forsbergservices.co.uk/Files/product\\_manuals/RTKNav3.14.pdf](http://www.forsbergservices.co.uk/Files/product_manuals/RTKNav3.14.pdf) - [Similar pages](#)

### [\[PDF\]](#) ISL3873

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Page 1. 1 TM File Number 4868.2 CAUTION: These devices are sensitive to electrostatic discharge; follow proper IC Handling Procedures. ...

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### [\[PDF\]](#) PAVIA 1

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... 24) AN INTELLIGENT **CORRELATOR** BASED ON A DSP G. Danese ... He-Ne laser was used in **early** demonstration of ... part is composed of an asynchronous **interpolator**, a third ...  
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*In order to show you the most relevant results, we have omitted some entries very similar to the 13 already displayed.*

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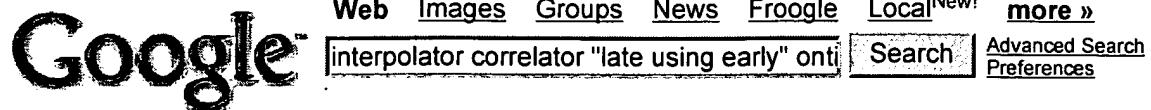
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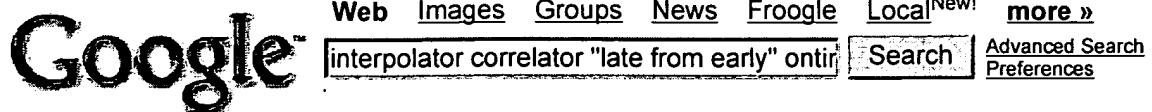
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Abstracts of talks & posters given at Canadian Astronomy Society AGM 2000 ... provide fossil evidence of **early** s sources are embedded **late** B type stars, two are ...

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2. [A low complexity all-digital DS-SS transceiver for power-line communications \(PDF\)](#)

... services, the transmitter needs to include an **interpolator** and ... shows an example of. the PN **correlator** outp

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The goal of this Advanced Technology Development (ATD) has been to develop hardware, which will enable real-title>Programmable charge-coupled device /CCD/ **correlator** for pattern classification</dc:title> <dc ... CCD digita

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4. [Microsoft PowerPoint - idec\(02\) \(PDF\)](#)

... 1152, 63-tap) **Interpolator** : rate 2, low pass filter(63-tap ... **Early Sampling**. **Correct Sampling**. **Late Sampling** .

[idec.chonnam.ac.kr/data/2002/local/7.15/%C1%F6%BB%F3%C6%C4%B5%BF%B1...](http://idec.chonnam.ac.kr/data/2002/local/7.15/%C1%F6%BB%F3%C6%C4%B5%BF%B1...) - 2418k - [View as html](#) - [M](#)

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**ETTORRE, Donato / GRAZIANO, Maurizio / MELIS, Bruno / FINOTELLO, Andrea / RUSCITTO, Alfredo / STMICROELECTRONICS S.R.L., PATENT COOPERATION TREATY APPLICATION, Jun 2004**  
...the third **interpolator** is used to...energy). The **early** and **late** samples are...to 15 the **correlators** for the computation...position of the **early**, **late** and middle...feeding the **correlators** and the Rake...These 5 **interpolators** are controlled...needs six **interpolators**: **early**, middle and **late** for both...  
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2. **Microsoft PowerPoint - CDMA2000 esp with new bts block diagrams.ppt**  
Aug 2004  
...Packet Based Future 2G (2000) **Early** 3G (2002/3) **Late** 3G (2004/5) 4G (2006+)  
Air...Nonlinearity Nonlinearity + - **Late Early** On-Time Input Signal c n...scheduling the use of the **correlators** Input Store Input Store **Correlator Correlator Correlator Correlator...**  
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3. **SIMPLE AND ROBUST DIGITAL CODE TRACKING LOOP FOR WIRELESS COMMUNICATION SYSTEMS**  
**LI, Bin / INTERDIGITAL TECHNOLOGY CORPORATION, PATENT COOPERATION TREATY APPLICATION, Nov 2003**  
...summer 40. The **interpolator** 33 provides **early** and **late** I samples to...includes an **interpolator** 53, a delay circuit 54, **early** and **late** PN despreaders...summer 65. The **interpolator** 53 provides a single **early/late** output to delay...  
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4. **paper.pdf**  
May 2003  
...transmitter needs to include an **interpolator** and digital modulator before the...Average Calculation Thre- shold CMF **correlator** PN (·)2 + CMF **correlator** PN...interval, and they are used for the **early** and **late** signals. The delay-locked loops...  
[<http://www.gts.tsc.uvigo.es/gpsc/publications/mosquera...>]  
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**5. UNIVERSAL RAKE RECEIVER**

**ELTAWIL, Ahmed / DANESHRAD, Babak / INNOVICS WIRELESS, INC., PATENT COOPERATION TREATY APPLICATION, Jul 2004**  
 ...accomplished using **correlators** within each of...on two sides (**early** and **late**) of the sample...stream and an **interpolator** receiving the...over-sampled **interpolator** that might be...allocation of **correlators** and processing...  
**Full text available at patent office. For more in-depth searching go to LexisNexis similar results**

**6. Microsoft Word - Thesis.doc**  
 Dec 2004  
 ...78 7.3 Farrow **Interpolator** Exploration...90 7.7 Postscript: **Interpolator** Hardware Implementation Specifics...40 viii Figure 4-5: Power loss in **correlator** with frequency offset...  
[\[http://bwrc.eecs.berkeley.edu/People/Grad\\_Students/mja...\]](http://bwrc.eecs.berkeley.edu/People/Grad_Students/mja...)  
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**7. No Title**  
 Dec 2004  
 ...delays (e.g.: sliding **correlator**) Coarse delay estimation...delay lock loop:  $r(t)$  **early** code **late** code Delay Delay 2 BPF... $T_c - R_2 + T_c$ , 2 = **early-late** spacing 83080 Receiver...Rectangular pulse shape **Early-late** spacing of 1 chip **Early**...  
[\[http://www.cs.tut.fi/kurssit/83080/CDMA.pdf\]](http://www.cs.tut.fi/kurssit/83080/CDMA.pdf)  
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**8. TIME RECOVERY CIRCUIT AND METHOD**  
**ZHOU, Philip, Yuanping / MOTOROLA, INC., PATENT COOPERATION TREATY APPLICATION, Jun 2003**  
 ...circuits are based on an **early- late** DLL structure that applies...Whereas the I conventional **early- late** DLL structure takes only...calculate more or less **early-late** squared correlation differences...at the output of the **interpolator** 328. In the time recovery...  
**Full text available at patent office. For more in-depth searching go to LexisNexis similar results**

**9. METHOD AND DEVICE FOR FINE SYNCHRONIZATION OF A DIGITAL TELECOMMUNICATION RECEIVER**  
**ETTORRE, Donato / GRAZIANO, Maurizio / MELIS, Bruno / FINOTELLO, Andrea / RUSCITTO, Alfredo / STMICROELECTRONICS S.R.L., PATENT COOPERATION TREATY APPLICATION, Jun 2004**  
 ...the third **interpolator** is used to...energy). The **early** and **late** samples are...to 15 the **correlators** for the computation...position of the **early**, **late** and middle...feeding the **correlators** and the Rake...These 5 **interpolators** are controlled...resolution. An **interpolator** having a...chip. The **early** and the **late** samples feed the **correlators** that compute...  
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**10. A PUBLICATION OF CASCA June Solstice 2000 UNE PUBLICATION DE LA CASCA solstice de juin 2000**  
 Jul 2000  
 ...Pulsar Data Using the Canadian S2 VLBI **Correlator** Bauer, W.H. O16 Wind Acceleration...Pulsar Data Using the Canadian S2 VLBI **Correlator** Capobianco, C. P42 Revisiting The...Pulsar Data Using the Canadian S2 VLBI **Correlator** Cassisi, S. O12 UV properties of...  
[\[http://www.astro.ubc.ca/E-Cass/Postscript/2000-JS.ps\]](http://www.astro.ubc.ca/E-Cass/Postscript/2000-JS.ps)  
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